

Supplementary Material (ESI) for New Journal of Chemistry
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Supporting Information

for

Synergic Effect in Gelation by Two-Component Mixture of Chiral Gelators

by

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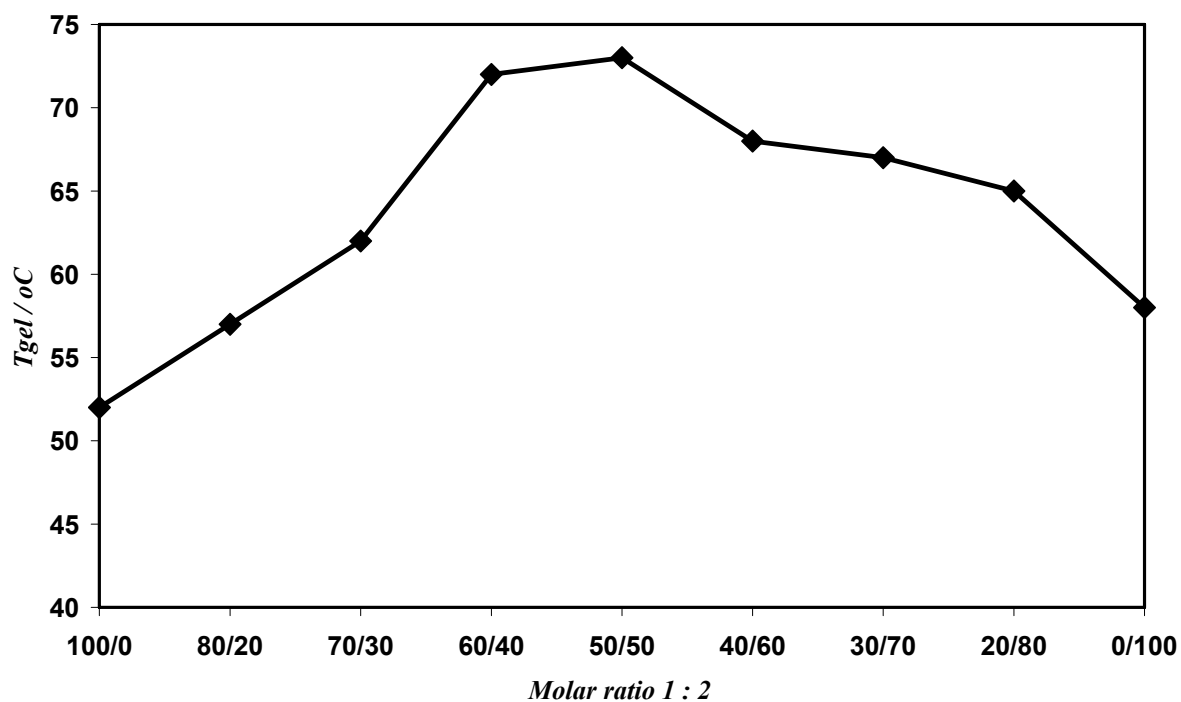


Figure S1 T_{gel} as function of the molar ratio of (S,S)-1 to (R,R)-2 in p-xylene gels.

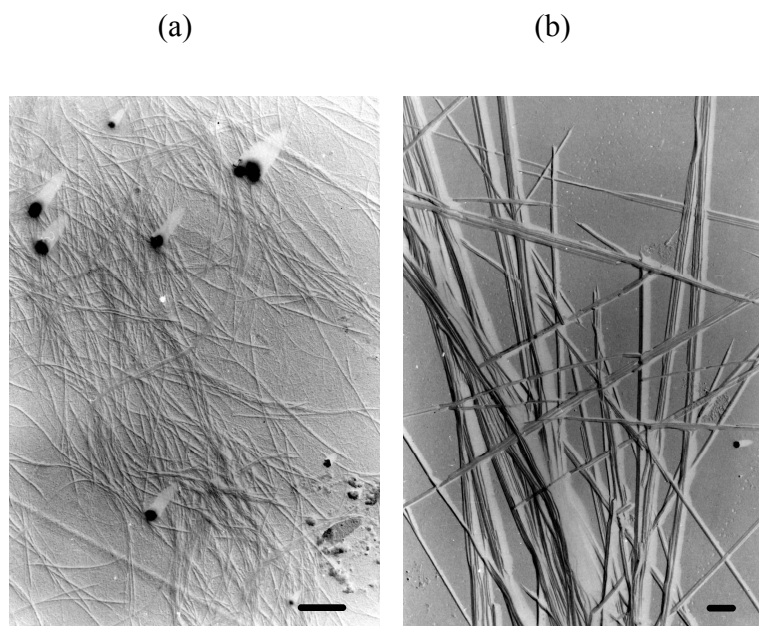


Figure S2 TEM images of Pd shadowed (a) (*S,S*)-**1** and (b) (*S,S*)-**2**-toluene gels (scale bars = 0.5 μm).

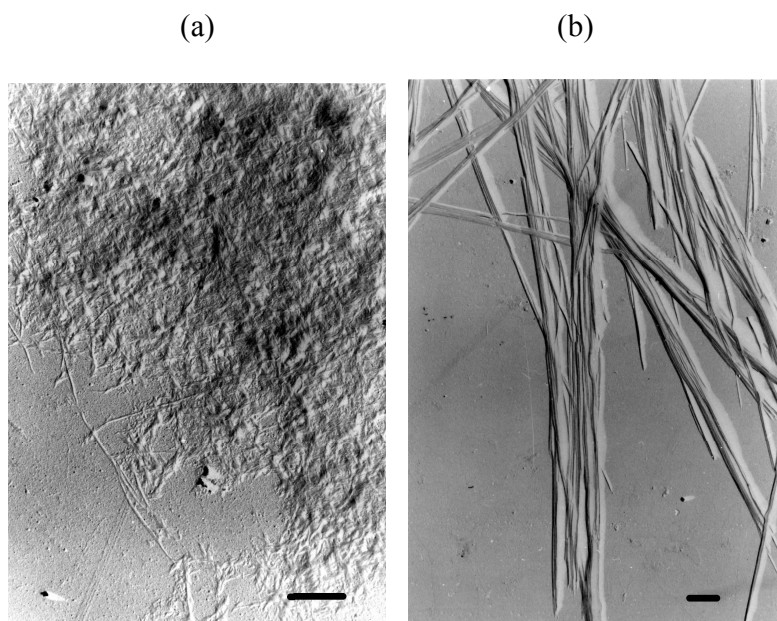


Figure S3 TEM images of Pd shadowed (a) (*S,S*)-**1**; (b) (*S,S*)-**2**-*p*-xylene gels (scale bars = 0.5 μm).

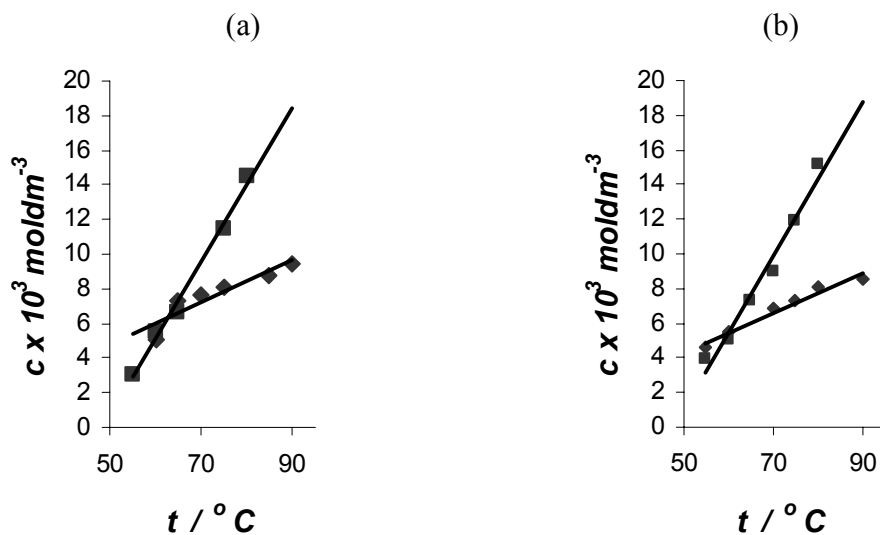


Figure S4 Gelator concentration increases with increasing temperature as determined from the ^1H NMR spectra of (a) (S,S) -1 (♦) + (S,S) -2 (■); (b) (S,S) -1 (♦) + (R,R) -2 (■), and (c) (S,S) -1 (♦) + rac -2 (■) o -xylene- d_{10} gels; $c = c_1 + c_2 = 4.4 \times 10^{-2} \text{ mol dm}^{-3}$.

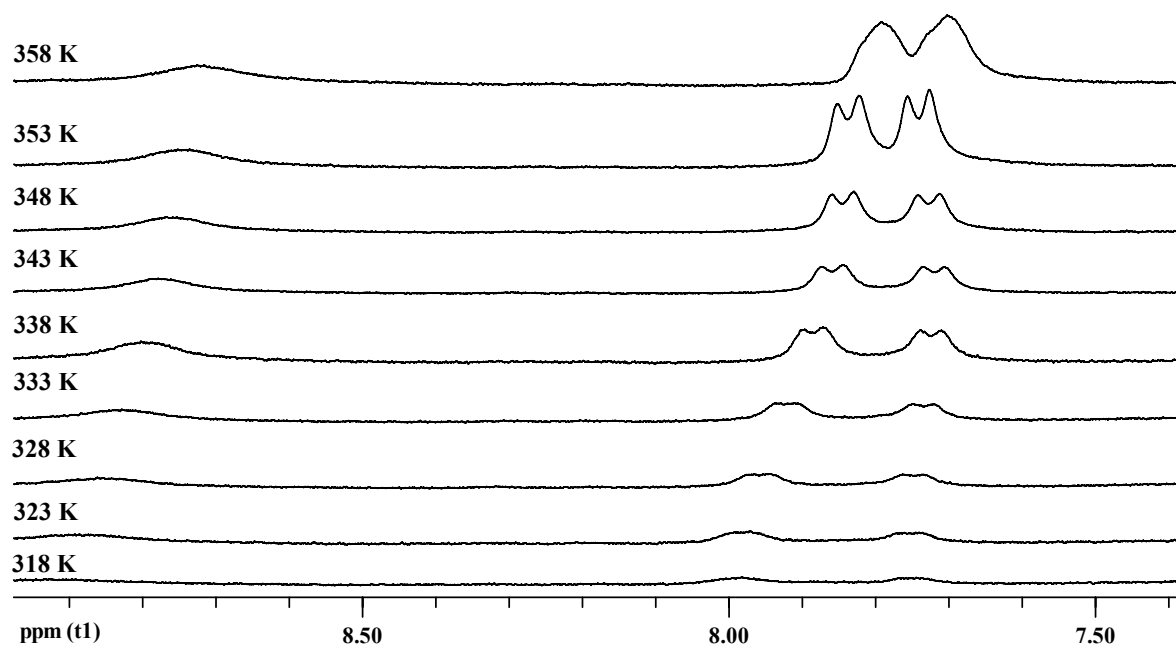


Figure S5 The temperature induced changes of (*S,S*)-**1** NH (δ 8.7-8.9 ppm) and the two nonequivalent *rac*-**2** NHs (δ 7.7-8.0 ppm) chemical shifts in the *o*-xylene-*d*₁₀ gel of (*S,S*)-**1** + *rac*-**2** 1:1 molar mixture.

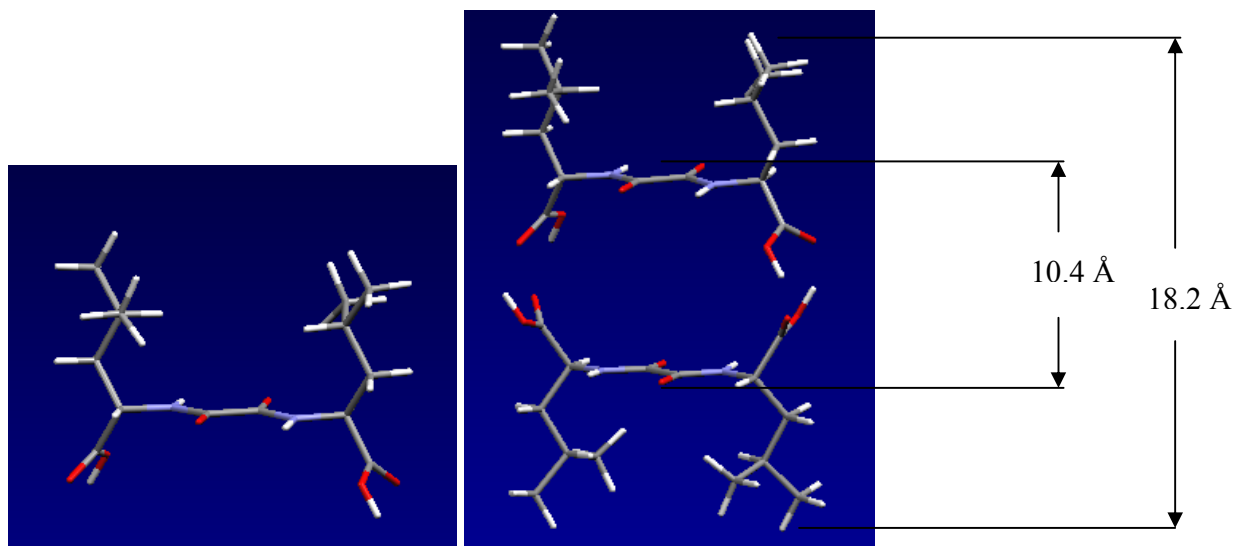


Figure S6 Minimized conformation of (*S,S*)-**1** (left) and the dimer as minimal fragment of reversed bilayer (right) with indicated distances measured on CPK model. Models were generated using systematic conformational search and docking procedures contained in the SYBYL Version 7.0 software of TRIPOS Inc.